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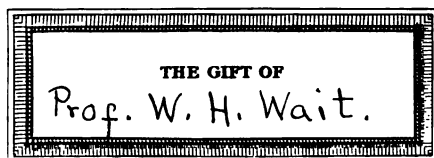
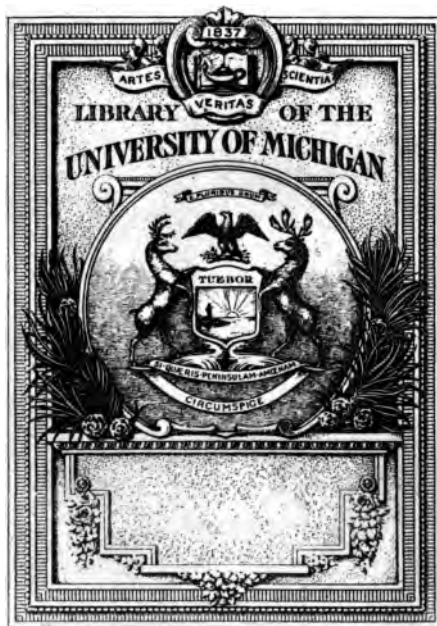
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# LATIN PRONUNCIATION

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D. B. KING



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# LATIN PRONUNCIATION:

## A BRIEF OUTLINE

OF THE

ROMAN, CONTINENTAL, AND ENGLISH METHODS,

BY

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## PREFACE.

THE following pages contain a few explanatory and historical paragraphs on the Roman, Continental, and English methods of pronouncing Latin, and a brief presentation of the main features of each.

The character and arrangement of the studies in English and Comparative Philology at Lafayette College make it desirable that students should have a knowledge of both the Roman and the English methods. The students are carefully taught in practice to use the English method, and to give the rules for the sound of the letters, this having been found a valuable aid in teaching English Pronunciation and the Philology of the English language. A knowledge of the Roman method, giving the sounds, in the main, as we believe Cicero and Virgil gave them, is required, as a matter of historical information and culture, and as an important aid in determining the derivations of words and the laws of phonetic change, and in illustrating the principles of Comparative Philology.

We have therefore needed for the use of our students a somewhat fuller presentation of both methods than is

found in the grammars in common use. I have thought that a brief outline of the *three* methods used in this country might be of some interest and value to those who are learning to pronounce Latin,—supplementing the facts given in the ordinary grammars,—and to those who desire some general information on the subject.

D. B. K.

LAFAYETTE COLLEGE,  
Easton, Pa., *January 23, 1880.*

## THE ROMAN METHOD.

**T**HE Roman method aims to give the letters the same sounds as were heard from educated speakers in the Augustan period. The chief means of ascertaining these sounds are: (1) The statements of ancient writers, — particularly the grammarians; (2) The traditions of scholars, — particularly the monks; (3) The Greek representations of the Latin sounds; (4) The orthography of the language itself; (5) The pronunciation of the Italian, Spanish, Portuguese, and French, — the descendants of the Latin; and, (6) The general principles of Phonology.

(1) Varro, Cicero, Quintilian, Velius Longus, and many other writers have undertaken to describe or have made incidental allusions to the sounds of the letters. These writers, it seems, knew comparatively little about the physiology of the organs of speech and the laws of Phonology. This lack of knowledge, added to the difficulty always found of intelligibly describing vocal sounds, and the obscure and sometimes apparently contradictory statements of the writers, some of whom lived centuries apart, makes corroborative testimony from other sources quite necessary.

(2) The natural tendency to conform the sounds of the letters of another language to the sounds of the same letters similarly situated in one's own speech, makes the traditional pronunciation rather unreliable. The constant and unbroken use of the Latin, in the services of the Roman church, makes a tradition of some value, though the priests no doubt very often conformed the pronunciation of the Latin to their own

vernaculars, as we find them doing now. The rhymes of the Latin hymns belong to so recent a period as to be of scarcely any value in determining the pronunciation of the Augustan Latin.

(3) The Greek representations of the Latin sounds are a great aid in determining the character of the latter, and would be still more valuable if we knew just how the Greeks pronounced all the letters.

(4) It is generally conceded that the orthography of the Latin was for the most part phonetic. No doubt there were many exceptions, and, we know, there were not a few variations and changes from time to time. Julius Cæsar, Augustus, and Claudius revised the orthography in the direction of the phonetic method. And yet we find inscriptions and misspellings — apparently phonetic — differing from the established orthography (“Cacography is always a surer guide to pronunciation than orthography.” — ELLIS). It may be that these variations in spelling sometimes indicate different pronunciations, rather than differences between the accepted orthography and the phonetic representation of the common pronunciation. What we know of Latin orthography applies mainly to the first century of the Christian Era. We do not have full and accurate information in regard to the orthography of Cicero and Virgil.

(5) Some consideration must be given to the sounds of the letters as heard in the words — mostly proper names — preserved entire in the lineal descendents of the Latin, particularly in the Italian. It cannot, of course, be assumed that the exact sounds have been preserved unchanged, even where the orthography is precisely the same in the Latin and in one or more of the Romance languages, any more than it follows that words spelled alike by Chaucer and Shakespeare were pronounced exactly alike by both.

(6) The general principles of Phonology, and the laws of change derived from the study and comparison of the languages of the Indo-European family, are a very valuable aid in deciding doubtful points and correcting errors into which other clews might lead.

During the past thirty years, there has been much careful and profound investigation into these sources of information, and very diligent comparison of the knowledge obtained. Corssen in Germany, Roby, Ellis, Munro, and Palmer in England, and Haldeman, Blair, Richardson, and others in this country have wrought wonders in elucidating obscure points, and have, without doubt, succeeded in bringing to light the main features of the Augustan pronunciation. The ordinary sounds of most of the letters have been ascertained. A few points, however, are still in doubt. There were probably many exceptions and variations and changes from time to time, as there are in all languages. Scientific phonologists, who are accustomed to note and measure with great nicety very slight differences of sound, will probably never be fully able to agree in regard to the precise sounds of some of the letters, though additional facts may be brought out by their discussions. The knowledge already obtained enables us to form a much better idea of the rhythm and harmony of the grand old Latin, and is of great interest and value to archæologists and philologists. Many still prefer the English method for practical purposes. No one, however, who lays claim to Latin scholarship, should be ignorant of the leading features of the Roman.

A few years ago considerable interest in the adoption of a reformed method of pronunciation sprung up in England. The syllabus of Professors Munro and Palmer was issued at the request of the head masters of the grammar schools, and some effort was made to introduce the new system. The

interest in the new method seems, however, to be dying out in England, the head masters having in many cases gone back to the old method, and no serious attempt having been made to introduce the new pronunciation into Cambridge and Oxford. In this country its introduction has been much more general.<sup>1</sup>

The following outline of the main features of the method will be sufficient for practical purposes : —

### VOWELS.

The long and short vowels differed only in quantity, not in quality.

ā has the sound of *a* in *father*.

ā " " *a* " *far*.

ō " " *o* " *home*.

ō " " *o* " *wholly*.

ū " " *u* " *brute*.

ū " " *u* " *full*.

ē " " *a* " *fate*.

ē " " *e* " *then*.<sup>2</sup>

ī " " *i* " *caprice*.

ī " " *i* " *thin*.<sup>3</sup>

y has a sound intermediate between the vowel sounds heard in *thin* and *moon*.<sup>4</sup>

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<sup>1</sup> Those who wish to pursue the study of this method further will find interesting information and discussions in Corssen's *Ueber Aussprache, Vokalismus und Betonung Lateinischen Sprache*; Roby's *Latin Grammar*, Vol. I.; *Syllabus of Latin Pronunciation*, by Professors Munro and Palmer; Haldeman's *Latin Pronunciation*; Blair's *Latin Pronunciation*; J. F. Richardson's *Roman Orthoëpy*; Fisher's *Three Pronunciations of Latin*; W. W. Story *On the Pronunciation of the Latin Language* (*N. A. Review*, 1879); and *Some Practical Hints on the Quantitative Pronunciation of Latin*, A. J. Ellis.

<sup>2</sup> " *e* in *met*, lengthened " (Roby).

<sup>3</sup> " *ei* in *deceit* " (Haldeman).

<sup>4</sup> " *y* as Ger. *ü*, but inclining to *i*, e.g. *Müller*, which is nearer to Miller than Muller " (Roby).

## DIPHTHONGS.

The diphthongs, commonly found in Latin, are *ae*, *oe*, *au*, and *eu*. *Ou* is rarely found, *u* having taken its place. *Oi* is rarely found except in inscriptions before the first century, B.C. Each element should be heard, and the two closely united in pronunciation.<sup>1</sup>

**au** has the sound of *ow* in *town*.

**oi** " " *o* " *no*.

**eu** " " *ew* " *few*.

**ai** " " *i* " *pine* (originally, but changed subsequently to that of *a* in *fate*).

**oi** has the sound of *oi* in *voice*.

**oe** " " *oy* " *boy*.<sup>2</sup>

**ei** " " *ey* " *they*.

**ui** " " *we* " *we*.

## CONSONANTS.

**c** and **g** are always hard, as in *can*, *get*.

**b** before *s* has the sound of *p*.

**s** has the sound of *s* in *thus*.

**j** has the sound of *y* in *yes*.<sup>3</sup>

**n** before *c*, *g*, *q*, and *x* is pronounced as in *English*, *anchor*, *anger*, *relinquish*, *anxious*.

**u** (*v*), with the sound of *w*, occurs after *g*, *q*, *s*, *l*, and *r*.

**v** has the sound of *w* in *want*.<sup>4</sup>

**r** is always trilled. The *r* sound in *burr* approaches it.

**x** has the sound of *ks*.

<sup>1</sup> There is considerable difference of opinion in regard to the precise sounds of some of the diphthongs, and the best English illustrations of them.

<sup>2</sup> "o in world, or i in whirl" (Blair); "a in fate" (Gildersleeve); "ow in showy" (Haldeman).

<sup>3</sup> See Roby, Vol. I, pp. xliii-liv.

<sup>4</sup> Roby thinks this was its sound, "originally, at least." But see Max Müller in *Academy*, 1871.



**z** has the sound of *z* in *zenith*.<sup>1</sup>

**m** at the end of a word was sometimes almost, sometimes quite inaudible.<sup>2</sup>

**ph**, **ch**, and **th** (occurring in Greek words mostly) represent the sounds of **φ**, **χ**, and **θ**, and have sounds similar to those of *ph*, *kh*, and *th*, in *uphill*, *blockhead*, and *hothouse*.

Other consonants are pronounced as in English.

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### THE CONTINENTAL METHOD.

THE Latin language was introduced among the nations which Rome conquered, by soldiers, colonists, traders, governors, magistrates, books, teachers, and missionaries (100 B.C.–400 A.D.). During the first few centuries its use seems to have become pretty general in the western part of the Empire. In France, Spain, Italy, and Portugal, in time, it became, in a corrupted form, the language of the common people, who seem, for the most part, to have been ignorant of the literary Latin from the seventh to the eleventh century. In this period the Romance languages had their rise, though their beginnings were doubtless much earlier. The rulers did something and the church a great deal toward keeping alive a knowledge of the Latin. Ecclesiastical correspondence and the church services were conducted in Latin, and Latin seems to have been the language of whatever learning there was in this period. Subsequently, on the revival of learning (eleventh century), Latin became the language of Philosophy, Theology, Law, Diplomacy, and Science. During the last two or three centuries it has given place for these purposes to the modern languages, being no longer used as a

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<sup>1</sup> This seems to be the view of Corssen and Curtius. Roby thinks it had the sound of *j* in just.

<sup>2</sup> See Ellis's Quantitative Pronunciation of Latin, pp. 43–73.

medium of communication between scholars, except on rare occasions.

The Roman alphabetic writing was in many cases introduced along with the Latin language. The pronunciation of the educated classes at Rome, in the best period of the Latin, differed from that of the populace. There were, besides, different dialects in Italy and provincialisms. What and how great these diversities were, it is impossible now to ascertain with accuracy. The Italian probably retains some of the peculiarities of the rustic pronunciation. It is pretty certain that in some of the dialects of the *folk-speech* *c* and *g* before *e*, *i*, and *y* had the sounds somewhat like *s* and *j*; that *c* and *g* were often interchanged, — originally one character, *c*, was used, *g* was a comparatively late development, — that *s* between two vowels had the sound of *z*, — this occurred sometimes in the speech of the educated, — and that *t* was sometimes assimilated with the following *i*. There seem to have been, also, variations of vowel sounds and of intonation. We may be sure that foreigners who undertook to learn Latin, did not always hear the literary pronunciation, and that each nation corrupted by its own peculiarities the pronunciation it had received. There was a constant tendency on the part of those who spoke different dialects of the Latin, as well as those who learned Latin from others, to conform the pronunciation of the literary language, as they found it in books, to that of their own tongues, giving the letters the sounds commonly heard in their own speech. This tendency, though counteracted in various ways, in time produced great diversities, diminishing the value of the Latin as a medium of oral communication. "One would have thought all Babel had come together," is Erasmus's remark on the attempt, in his time, of the European ambassadors to converse in Latin. These diversities are still found in the methods of pronunciation

practiced by continental nations, each one modifying the pronunciation of Latin according to the peculiarities of its own speech.

The differences in the sounds of the vowels are not very great. Differences in intonation or accent, and in the sounds of the consonants, are of more importance. The following are the chief peculiarities in the sounds of the consonants : —

In German, before *e, i,* and *y, c = ts* ; in French and Portuguese, *s* in *sin* ; in Italian, *ch* in *chin* ; in Spanish, *th* in *thin*. In German, before *e, i,* and *y, g = g* in *gun*, with some variations ; in French and Portuguese, *s* in *pleasure* ; in Italian, *g* in *gin* ; in Spanish, *g* guttural. In German and Italian, *j = y* in *yet* ; in French and Portuguese, *s* in *pleasure* ; in Spanish, *ch* guttural. In German, *v = f*, elsewhere, English *v*. In German, sometimes, particularly in words ending in *-tion*, *t = ts* ; in French, in the combinations *-tion, -tial*, and a few others, *s* in *sin* ; in Italian it sometimes has the sound of *ts* ; in Portuguese it is always hard. Variations also occur in the sounds of *s* and *x*, and of some of the other consonants.

The following is an outline of the method commonly known in this country as the Continental : —

#### VOWELS.

ā	has the sound of <i>a</i> in <i>father</i> .		
ā	"	"	<i>a</i> " <i>fat</i> .
ē	"	"	<i>ey</i> " <i>they</i> .
ē	"	"	<i>e</i> " <i>pet</i> .
ī	"	"	<i>i</i> " <i>caprice</i> .
ī	"	"	<i>i</i> " <i>pit</i> .
ō	"	"	<i>o</i> " <i>note</i> .
ō	"	"	<i>o</i> " <i>not</i> .
ū	"	"	<i>u</i> " <i>rule</i> .
ū	"	"	<i>u</i> " <i>rut</i> .

These sounds are frequently somewhat modified by the consonants which follow them. Some of those who use the method give *i*, *o*, and *u* the short sounds when a consonant follows in the same syllable, even though the vowels are long in quantity.

## DIPHTHONGS.

<b>ae</b>	and	<b>oe</b>	have the sound of	<i>cy</i>	in	<i>they</i> .
<b>ai</b>	"	<b>ei</b>	"	"	"	<i>i</i> " <i>ice</i> .
<b>au</b>			has	"	"	<i>ou</i> " <i>out</i> .
<b>eu</b>			"	"	"	<i>eu</i> " <i>feud</i> .
<b>ou</b>			"	"	"	<i>o</i> " <i>no</i> .
<b>ui</b>			"	"	"	<i>we</i> " <i>we</i> .

## CONSONANTS.

**c** and **g** before *e*, *i*, *y*, *ae*, and *oe* are pronounced like *s* and *j*; and in other situations, as in *can* and *go*.

**s** is always like *s* in *sin*.

**u** before a vowel has the sound of *w*, after *q*, often after *g*, and sometimes after *s*.

## THE ENGLISH METHOD.

THE Latin letters formed the basis of the Anglo-Saxon Alphabet, Roman alphabetic writing having been introduced by the missionaries in the sixth century. (See March's Anglo-Saxon Grammar, pp. 1-2). The letters had the same sounds as belonged in general to the literary Latin of that period, *c* and *g* were always pronounced as in *can* and *gun*, *i* (*j*) before a vowel was pronounced like *y* in *yet*, *r* was trilled, — the *r* sound in *burr* approaches it, — and the vowel sounds were more like those now commonly heard on the continent. Changes were gradually made in the pro-

nunciation of the words and in the power of the letters. The assibilation of *c*, *g*, *s*, *x*, and *t* took place, mainly through Romanic influences (March's Anglo-Saxon Grammar, pp. 20-22) ; there was a shifting of the vowel sounds, by which the open vowels became closer and the close more open or lengthened into diphthongs, and the trilled *r* was softened to the sound now commonly given to *r*. There was from the first a tendency to conform the pronunciation of the Latin, which was used in the church services, to the changes in the popular speech ; though, through the influence of foreign priests, teachers, and intercourse, the Latin lagged behind the vernacular in making changes. On the revival of the study of the classics in England (1490-), when every gentleman was supposed to know Latin and Greek, the ordinary sounds of the letters as used in English were generally given in pronouncing Latin. The pronunciation of the Latin, like that of the English and living languages in general, was taught by an oral tradition. The tendency, however, to pronounce after the fashion of some of the nations on the continent, prevailed among the clergy before the reformation, and among diplomats and others who held frequent intercourse with foreign scholars, and probably retarded the changes which the pronunciation of the English was all the while undergoing. After the reformation in England, when the Latin ceased to be used in the liturgy of the church (1550), and when its use as the language of Philosophy, Theology, Diplomacy, Law, and Science, had ceased to be general (exact dates are, for the most part, wanting,—Bacon and Newton used Latin for their philosophical and scientific works ; Milton was Latin Secretary, and protested against the then modern English fashion of pronouncing Latin ; the records of the courts, except for a brief interval, were made in Latin until 1730), the conformity

of the sounds of the letters in Latin, to the sounds of the same letters in similar situations in English, became more complete. But little change has taken place in these sounds since the publication of Walker's Dictionary, and the rules given by Walker for the pronunciation of English form the basis of the English method, as now taught.

No one, of course, claims that the sounds given by this method are the same as those given to the same letters by the Romans of Cicero's time, nor that by it alone an elegant or even a correct pronunciation of English can be acquired. There is no language whose pronunciation can be learned accurately by rule. The English is particularly full of peculiarities and exceptions. And yet the English method of pronouncing Latin affords an excellent opportunity for drill in some of the most important principles of English pronunciation, and is besides an excellent discipline. It is therefore of practical value to English-speaking people. Whatever will give us a more ready and accurate use of our mother tongue is a gain.

A very large proportion of our words, — proper names, philosophical, theological, legal, technical, and scientific terms, — as well as a very large number of the words in common use, are found in the same or in a slightly different form in Latin. Great confusion in the pronunciation of English must ultimately result from the constant practice, on the part of students, of using for these words in the Latin a pronunciation differing so much from the English. Thus far *some* effort has been made, on the part of *some* who practice the Roman method, to avoid this confusion, by giving the English sounds in pronouncing proper names that are in common use in English, and that are found in the same form in English and Latin. But it is not easy to teach students always to make this distinction. The tendency will naturally

be to pronounce proper names whose spelling has not been changed, even when used as English words, according to the Roman method. Scientific and technical terms will in time share the same fate, and many other words will doubtless follow the fashion. It is hard to draw the line. Those who have practised the Continental method often show peculiarities in the sounds of their vowels, substituting occasionally a continental for an English vowel. And now, though the new pronunciation is just coming into use, we begin to hear complaints of uncouth consonantal sounds introduced through its influence.

The unusualness of the sounds of the words, even of those whose derivatives are very familiar in English, when pronounced by the Roman or a Continental method, makes the Latin seem very remote and strange, — quite an unknown tongue to boys. But when the English sounds are given to Latin words, most of which are found in some form in English, the words and language seem much nearer and more closely allied to our own. The general adoption of the Roman or a Continental method would therefore be likely to deter some students from beginning the study of Latin. Then, in many cases, beginners would not see so quickly the relation of the Latin to the English words, and the first steps in the study of Latin would in consequence often be less pleasant and profitable. Too few now study Latin. It would be a pity to deter any from beginning, and retard others in pursuing the study of the language by adopting a system of pronunciation that sounds strange to English ears. If English spelling reformers succeed in getting English people to adopt a system of phonetic spelling, it will then be desirable to adopt the Roman or phonetic system for the Latin also.

The following rules, — taken in part from Harkness's and Andrews and Stoddard's Latin Grammars, — comprise the

main features of the English method. Some of them are of extensive and general application in English, some have but few applications, and to others there are many exceptions. Proper names, and other words derived from the Latin with little or no change, will be found to furnish the best illustrations of the application of these rules to English words.

### VOWELS.

The long sounds are those heard in the English words, *mate, mete, mite, mote, mute, and type*; the short sounds, those heard in *mat, met, fit, not, nut, and myth*. These sounds are sometimes modified by the combinations of consonants which accompany them:—

I. Final vowels have their long English sounds; <sup>1</sup> *tē, bellī, bellō, fructū*.

(a) a final or unaccented has the sound of *a* in *Cuba; amica, America*.

(b) Some give a final in monosyllables the long sound, and both *i*'s in *tibi* and *sibi* the short sounds.

II. In final syllables ending in a consonant, vowels have their short English sounds; *mensās, servīs, compōs, servūs*.

(c) In *es* final, *os* final in plurals, and in *post*, the vowels have their long sounds; *quīēs, Herculēs, servōs*.

(d) When one part of a compound is entire, and ends in a consonant, a vowel before such consonant has the same sound as in the simple word; *vēlut, sicut, ābit, alpēsque, pōstquam*.

(e) For purposes of pronunciation, *etiam* and *quoniam* are not considered as compounds.

(f) *o* in derivatives of *post* has the short sound.

III. In a penultimate or in an unaccented syllable, not final, a vowel before a single consonant, or a mute followed

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<sup>1</sup> The marks — and ∪ indicate long and short sounds, and have no reference to quantity.



by *l* or *r*, has its long English sound ; *sātis*, *āg·um*, *debēbā-tur*, *mēmoria*, *mētropōlis*.

(*g*) *i* or *y*, in any unaccented syllable except the first or last, has its short sound ; *inimicus*, *justitia*.

(*h*) *i*, in the first syllable of a word, when followed by an accented vowel, has its long sound ; sometimes, also, when it stands alone before a single consonant ; *Īonia*, *īdea*, *Ītalia*, *dīvinus*.

(*i*) *u*, when followed by *bl*, and *a*, *e*, *i*, or *o*, when followed by *gt* or *tl*, has its short sound ; *Sūblicius*, *ātlas*.

IV. Before another vowel, or a diphthong, a vowel has its long English sound ; *ēa*, *habēo*, *nīhilo* (*h* is not regarded as a consonant).

(For *a*, *i*, and *y*, unaccented, see *a*, *i*, *g*, and *h*.)

(*j*) *u*, when followed by a vowel, has the sound of *w*, after *q*, often after *g*, and sometimes after *s* ; *quis*, *lingua*, *suadeo*.

(*k*) When *i* follows an accented *a*, *e*, *o*, or *y*, and is followed by another vowel, it has the sound of *y* in *yet* ; *Maia*, *Pompeia*, *Troia*, *Ilithyia*.

V. Before *x*, or any two consonants, except a mute followed by *l* or *r*, a vowel in any syllable has its short English sound ; *āxis*, *īste*.

VI. Before one or more consonants in any accented syllable, except the penult, a vowel has its short English sound ; *inimicus*, *dēbitor*.

(*l*) *a*, *e*, or *o*, followed by a single consonant or a mute before *l* or *r*, followed by *e*, *i*, or *y* before another vowel, has its long sound ; *ālius*, *ētiam*, *ōdium*.

(*m*) *u*, in any syllable except the last, before a single consonant or a mute followed by *l* or *r* (except *bl*), has the long sound ; *multi-tūdinis*, *Rūtulus*, *pūblicus*.

(*n*) *a*, preceded by *qu*, and followed by *dr* or *rt*, is pronounced as in the English words *quadrant* and *quart*.

(*o*) *e*, *i*, and *u*, before *r* final, or *r* followed by another consonant, are pronounced as in the English words *her*, *fir*, and *pur*.

## DIPHTHONGS.

**ae** and **oe** have the sounds *e* would have in the same situation;  
*Caesar, Aeneae, Daedalus, Oedipus, Oeta.*

**au** has the sound of *au* in *author; auctor.*

**eu** has the sound of *eu* in *neuter; neuter.*

**ei** has the sound of *ei* in *height; hei.*

**oi** has the sound of *oi* in *voice; quoique.*

**ou** has the sound of *ou* in *out; joudex.*

**ui** has the sound of *i* in *ice; huic.*

**ei, oi, and ou** are rarely used as diphthongs.

**ui** is found only in *cui, hui, and huic.*

The combinations **ua, ue, ui, uo, and uu** are not treated as diphthongs, *u* either forming a distinct syllable, or having the force of the consonant *w, (j).*

## CONSONANTS.

*Assibilation.*

1. Before **e, i, y, ae, and oe**, *c* has the sound of *s* in *sin*, and *g* the sound of *j* in *jest*: *centum, cinis, cygnus; coelum, genus, gingiva.*

(a) In other situations *c* and *g* have their hard sounds.

2. When **ci, si, ti, and xi** follow an accented syllable, and are followed by a vowel, *c* and *t* have the sound of *sh, s* (except in a few proper names), the sound of *zh*, and *x* the sound of *ksh*; *acies, Persius, natio, otium, ocior, anxius*, but *As(sh)ia*, likewise *Theodosia, Sosia.*

3. When **c** follows an accented syllable, and is followed by *eu* or *yo*, it has the sound of *sh*; *caduceus, Sicyn.*

(b) **t** retains its pure sound after *s, t*, and *x*; in old infinitives in *-ier*, and in proper names in *-tion*.

(1) **s** final, after *e, ae, au, b, m, n*, and *r* has the sound of *z*; *res, aes, laus, urbs, hiems, amans, ars.*

(2) **s**, between two vowels, has the sound of *z*, when that sound occurs in English derivatives in common use; *Caesar, musa, miser, residuum, rosa.*

4. **x** has the sound of *ks*; *rex, index*; but between *e* or *u* and an accented

vowel, and occasionally elsewhere, it has the sound of *gs*, while at the beginning of a word it has the sound of *s*; *uxorius, exemplum, exit, Xanthus*.

5. In the beginning of a word, *ch* before *th*, *c* and *p* before *t*, *g* and *m* before *n*, *s* before *m*, and *p* before *s*, are silent.

All other letters are sounded.

### ACCENT.

There are three systems of accentuation, — the logical, the grammatical, and the rhythmical (March's Anglo-Saxon Grammar, page 30). The rhythmical prevailed in the Latin. Three different accents were recognized by the Romans, — the acute, the grave, and the circumflex. There is some doubt about the exact nature of these accents (see Roby's Latin Grammar, Vol. I., and Hadley's Essays, pp. 124–26).

The following rules are now commonly used in pronouncing by the English method : —

I. Words of one syllable are accented; *res, quis*.

(a) Monosyllables are often so closely united with other words in pronunciation as virtually to lose their proper accents.

II. Words of two syllables are accented on the first; *erat, sātis*.

III. Words of more than two syllables are accented on the penult, if that syllable is long in quantity, otherwise on the antepenult; *amicus, dōminus, untus, volūcris*.

IV. A second accent is placed on the second syllable before the principal accent, if that syllable is long in quantity, or is the first in the word, otherwise on the third; *dēbēdāter, mūltitūdines, mūltitūdīnibus*.

(b) There is occasionally a third and even a fourth accent in very long words; *exercitātiōnibus*.

V. The accent of an enclitic falls on the last syllable of the word to which it is attached; *felixque, dixitne, itaque, quibuscum*.

(c) These rules apply also to the accentuation of compound words; *admodum, indeque, itaque* (here *que* is not enclitic). A very few exceptions are sometimes made in cases where derivatives of Latin compounds are in common use in English. Perhaps it is better to apply the rule always.

# RECENT PUBLICATIONS.

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## Latin.

### *Allen's Introduction to Latin Composition.*

An Introduction to Latin Composition (Revised and Enlarged), with references to the Grammars of Allen & Greenough, Gildersleeve, and Harkness. By WILLIAM F. ALLEN, Professor in the University of Wisconsin. With the valuable coöperation of John Tetlow, A.M., Master of the Girls' Latin School, Boston; aided by the skilful and acute criticism of Prof. Tracy Peck, of Yale College. 12mo. Cloth. 181 pages. Mailing price, \$1.30; Introduction, 90 cts.; Exchange, 50 cts.

The "Introduction to Latin Composition" was first published in 1870. It was prepared by Prof. W. F. Allen, of the University of Wisconsin, and was designed to give a complete review of Latin Syntax, commencing with Indirect Discourse, and illustrated by examples *selected from the classical writers* (chiefly Cicero), each written exercise being introduced by easy sentences for Oral Practice, and accompanied with full references to the Grammar. In this form it found constant and extensive use for nearly ten years, when it appeared desirable to issue an edition thoroughly revised, expanded in all its parts, and preceded by Lessons on Elementary Constructions. In accordance with this design, the original Lessons have been (in part) re-arranged, and the introductory and grammatical portion to each Lesson made much more complete, each principle being specified in detail, with abundant illustrations, and with full references to the three grammars most in use; viz., Allen & Greenough, Gildersleeve, and Harkness.

The elementary portion (or Part First) consists of twenty-three Lessons, covering the ground of the simpler or more usual constructions, and is designed to be used either as complete in itself for the uses of the preparatory school, or as a sufficient introduction to the higher syntax commencing with Indirect Discourse. A spe-

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cial feature of this introductory portion is the large space given to Oral Exercises, *interlined*, and thus designed to familiarize the pupil with words and forms without the weary and disheartening incessant dependance on grammar and lexicon.

The whole of the revision — including the preparation of Part First — has been made by Rev. J. H. Allen, Lecturer in Harvard University, and compiler of the "New Latin Method," assisted throughout by the ample and critical supervision of Mr. John Tetlow, Principal of the Girls' Latin School, Boston. The work has also been critically revised by Prof. Tracy Peck, of Yale College. Great care has been bestowed upon the *marking of all long vowels* (whether or not long by position), making the book, it is hoped, a serviceable guide in the elementary principles of Latin Etymology as well as Prosody.

**The Nation, N. Y.:** A second edition of a small Latin text-book is usually entitled to no special notice, but the new edition of Prof. Allen's "Introduction to Latin Prose Composition" is in some respects exceptional. The first edition was published about ten years ago. The present edition has been enlarged so as to include the more elementary constructions of Latin Syntax, and the whole work revised. It is seldom that so much learning, experience, and intellectual ability are brought to bear in the construction of an elementary text-book.

The number of persons to whom it is worth while to spend the time and labor necessary to learn to write Latin easily and fluently is very small, and is probably decreasing the world over. Latin composition is generally studied less for its own sake than as one of the best means of learning to read and appreciate the Latin authors. For this purpose the present work seems all-sufficient. For those who intend to make the Latin language a special object of study after leaving college it is, of course, what its title declares, only an introduction.

The following points seem worthy of attention. The English examples which are to be translated into Latin are themselves translations from passages actually occurring in the Latin authors. Experience unmistakably testifies to the advantages of this plan in an elementary work. The constant, even minute, references to the grammar accustom students to solve difficulties by the application of general principles. The references are to the grammar of Messrs. Allen and Greenough, but accompanying every one there is, in a parenthesis, a reference to the grammars of Prof. Gildersleeve and of Prof. Harkness; the work is thus rendered equally convenient to those who have any one of the three grammars. Those who have access to them all will find it worth the trouble to compare the different ways in which the same matters are viewed and stated by these accomplished Latin scholars. The best thing those students who have none of these grammars can do, irrespective of the use of the present work, is to get one as soon as possible. Lastly, but not least, Prof. Allen says "he has made the experiment of mark-

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ing the *long vowels* in the Latin words employed." This is a matter of more importance than even Prof. Allen himself is perhaps aware. There is no doubt that if the pronunciation of Latin prose is properly taught—a point to which the marking of *every* long vowel is indispensable—the proper method of reading Latin poetry comes almost of itself, and the greater part of the stuff with which learners are tormented, under the name of Prosody, may be dismissed at once as mere rubbish.

**William G. Hale, Prof. of Latin in Cornell Univ.:** I am sorry that I am not able to-day, as I shall be some months hence, to tell you of the actual working of Allen's Introduction in the class-room. But an examination of the book has given me such confidence in it that it already stands recommended in our requirements for admission, and the later chapters will be used by our Freshmen. The wise help in the way of suggestion and vocabulary given the pupil at the start, the careful development of construction, the apt notes and cautions scattered throughout the exercises, the placing under nearly every lesson, not merely of disjointed sentences illustrative of the point in hand, but of short sentences for oral translation, and of a passage of connected, straight-away English, are features which, admirable as they are, in this book lie upon the surface.

The book is by no means a mere collection of classified English sentences with references to leading grammars. Though giving such references under each topic, it states for itself nearly every principle taken up, and that in a singularly clear and effective way. Add to this a correct spelling, and—what must gratify the eye of every specialist in Latin, and in partic-

ular of such as hold that a culpable waste of time is caused to pupils through the careless pronunciation by teachers of words which both pupil and teacher are obliged to pronounce quite differently when they come to read verse—the careful marking of all known vowel-lengths, even to such cases as *pūblius*, *nūntio*, *sciscitor*, *dignus*, *infensus*, etc. The book, like very few school-books, is of a character to gratify the practical teacher, and to satisfy the critical student. (Feb. 15, 1881.)

**W. A. Packard, Prof. of Latin, Princeton Coll., N. J.:** It is excellently adapted to its purpose, and the use of it by pupils preparing to enter this college we should heartily approve. (Dec. 27, 1880.)

**Edward H. Griffin, Prof. of Latin, Williams Coll., Mass.:** My reason for continuing to put Arnold's into our requirements for admission, is merely because it is so old and well known that every one will understand the amount of instruction that is expected. Allen's is certainly a much better book, and leaves little to be desired. College instruction would be much more satisfactory in its results if students were taught syntax in their preparatory studies through the use of such a book, instead of by "grammar lessons." (Jan. 4, 1881.)

**E. P. Crowell, Prof. of Latin, and W. L. Cowles, Instructor in Latin, Amherst Coll.:** It seems to us, after a somewhat careful examination, to be a most excellent book of its kind. Its subject-matter is so well selected, and so carefully arranged, that it must be a profitable manual for practical use in the hands of every Latin student. (Feb. 15, 1881.)

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**T. B. Mackey, Prof. of Latin, Wesleyan Sem., Gouverneur, N.Y.:** I compared it with two other prominent works on the same subject, and think for an introduction to Latin Prose it is easily first. The use of connected narrative as exercises, where other works employ detached sentences, is a step in advance. I shall certainly use it in my next class. (*Sept. 28, 1880.*)

**Rev. C. F. W. Hubbard, Chairman School Com., Merrimac, Mass.:** I am pleased to commend it as the best book of its kind for school use that has ever come under my notice. I would mention particularly, as worthy of commendation, the helpful way in which it anticipates and meets the peculiar difficulties and questions that always trouble beginners in the study; its admirable classification and distribution of subjects treated; its oral exercises; its excellent summaries of principles, and lessons on special topics, such as the English Potential and Comparative Forms of Speech; and the perspicuous and elegant style in which the book is printed. Both in plan and execution the intelligence and skill of the practical educator who knows just what learners need, are amply evident.

**The New England Journal of Education:** The eminent fitness of Mr. Allen, who has been all his life a practical teacher as well as author, for the preparation of such a work, will be conceded by all American teachers and

scholars. He has made a useful and practical book, which classical teachers should examine.

**The Western, St. Louis:** The exercises, besides being well selected to illustrate the various topics under which they are grouped, have the merit in general of pith and point — a merit which will be appreciated by those who have struggled to kindle enthusiasm in the class-room over "the green spectacles of my grandfather's cousin," and such like cruel shreds and tatters of language. The order of topics is logical, beginning with simple elements, and passing to special constructions and the use of clauses.

**Christian Register:** The excellence of Prof. Allen's text-books is now a proverb.

**Canada School Journal:** This book is another proof of the steady progress which our cousins on the south side of the Great Lakes are making. Not only is it a creditable specimen of the printer's art, but it is also scholarly and practical. By means of the system of references employed, it may be used with either Allen and Greenough's, Gildersleeve's, or Harkness's Latin Grammar. The exercises are well graded, and neither too easy nor too difficult. We advise teachers to examine it carefully before adopting any other text-book on the subject.

## Allen's Agricola of Tacitus.

Edited, for School and College Use, by W. F. ALLEN, Professor of Latin in the University of Wisconsin. 12mo. Cloth. 72 pages. Mailing Price, 60 cents; Introduction, 50 cents.

The Life of Agricola stands by itself in ancient literature as a biography of the modern type, — not merely the worthily-related life of an eminent man, like those of Plutarch and Nepos, but a

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personal tribute of affection and admiration by one of his own household. No classical work is therefore better fitted to form part of a course which aims to contain only what is intrinsically best and most characteristic. It is one of those *tonic* writings which help to elevate and strengthen the moral nature and build up character.

The aim, in the present edition, has been to meet the needs of such a course. The editor has left special philological training to the teacher, only making occasional reference to the leading grammars. On the other hand, he has undertaken to explain the historical references with great fullness, and to give needful assistance in all real difficulties. In the text he has for the most part followed Kritz, but has not hesitated to vary from it when there seemed to be good reason, especially in several cases to restore the reading of the manuscripts.

It is the editor's intention to follow this, as early as possible (probably by the opening of the school year in 1881), with an edition of the *Germania* of Tacitus, the text of which is already in type.

**M. Kellogg**, *Prof. of Latin, Univ. of Cal.*: I am sure the "*Agricola*" is worthy of adoption as a text-book. Its notes are scholarly, and not too voluminous. I am glad to see a favorite Latin piece made so attractive. I have just introduced your "*Roman Literature*" as a text-book.

**Frank Smalley**, *Prof. of Latin, Syracuse Univ., N.Y.*: It seems to me well prepared and judiciously annotated, while the mechanical part, as in all your books, is all that could be desired.

**R. H. Tripp**, *Prof. of Latin, Univ. of Minnesota*: After examining it, I do not hesitate to pronounce it a "peer" of the many other excellent works published by you. I think Professor Allen has exercised excellent judgment as to the text, and also as regard the notes,—they are neither too copious nor too meagre. It must readily find a place in our colleges and universities.

**Prof. J. C. Pickard**, *Ill. Industrial Univ., Champaign, Ill.*: I have read it, every word, with great pleasure. The notes are admirable, just what are most needed by those who study the text. I wish every young man in our land would read thoughtfully the "*Agricola* of Tacitus," in Latin or English.

**W. V. Sproull**, *Prof. of Latin, Univ. of Cincinnati, O.*: This edition of *Agricola* is deserving of great praise.

**G. W. Shurtleff**, *Prof. of Latin, Oberlin Coll., O.*: I like it very much as far as I have examined it.

**W. S. Scarborough**, *Prof. of Latin, Wilberforce Univ., O.*: In every particular the "*Agricola*" is up to the standard, finished and complete. Shall recommend its use here in our university as the best work of the kind published.



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**N. E. Journal of Education :** Teachers and students of the classics are placed under great obligations to this enterprising firm for supplying them with so many excellent classical manuals. This one is edited by Prof. Allen, whom we know to be eminently fitted, by scholarship and experience in teaching, to perform the task. We are glad he has given his attention to the biography of Agricola by Tacitus. It is one of the grand models of biography. The study of such a classic would tend to elevate and strengthen the character of any student. The letter-press and binding are admirable.

**School Bulletin, N.Y. :** Of all Latin classics this is among the most charming, and we welcome this desirable edition, in which the author is especially happy in giving just notes enough.

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### *Cicero De Natura Deorum.*

LIBRI TRES, with the commentary of G. F. Schoemann, edited by AUSTIN STICKNEY. 12mo. Cloth. 348 pp. Mailing price, \$1.60 ; Introduction, \$1.40.

The text of this edition is substantially that of C. F. W. Müller, Leipsic, Teubner, 1878. The Introductions, Summaries, and Commentary of Schoemann are given entire, and some additions have been made by the editor.

**Tracy Peck, Prof. of Latin, Yale Coll. :** The value of Schoemann's edition has long been known, and I am glad that so careful a scholar as Prof. Stickney has brought it to the easy reach of American students. The translator's additions, too, seem to be thoroughly helpful to a nicer understanding of the thought and Latinity of the original.

**Minton Warren, Associate Prof. of Latin, John Hopkins Univ. :** I am greatly pleased with it. The work of translation seems to have been very carefully done, and bespeaks accurate scholarship. It is a treatise which deserves to be more widely read in American colleges.

**W. A. Packard, Prof. of Latin, Princeton Coll. :** I have used the German Edition with my classes, and appreciate its well-recognized merits. The additions made to the notes, which I have examined, add to their value. It will be a convenience for American students to have the book in its present form, and will stimulate to a wider use of it.

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in his own modest addenda, show how competent he is to have done the entire work himself.

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**J. Y. Stanton, Prof. of Latin, Bates Coll., Lewiston, Me.:** I shall use your "De Natura Deorum" soon, in one of my classes.

**Solon Albee, late Prof. of Latin, Middlebury Coll., Vt.:** I am glad to see this interesting classic brought out in an edition which is in all respects so admirable. The Introduction and Commentary accompanying it are prepared with scholarly care, and afford the learner valuable aid in gaining a correct understanding of the text and the subject-matter of which it treats. A book which is at once so instructive and attractive in style cannot fail to be welcomed by all lovers of classical learning.

**Wilford Caulkins, Prof. of Greek and Latin in East Tennessee Wesleyan Univ., Athens, Tenn.:** The annotations are peculiarly valuable and judicious; and it is my judgment that this most excellent edition of a work in many respects invaluable, ought at once to be introduced into all our college courses. For my part, it is my intention to place it in the hands of the senior class next year, and I will see that it has a place in our next catalogue.

## King's Latin Pronunciation.

A Brief Outline of the Roman, Continental, and English Methods, by D. B. KING, Adjunct Professor of Latin in Lafayette College. 12mo. Cloth. 24 pages. Mailing Price, 25 cts; Introduction Price, 20 cts.

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*See page 62 for fuller notice of this book.*

**Prof. Albert S. Wheeler**, *Scientific School, Yale College*: I am greatly pleased with it. The adaptation to Allen & Greenough's Grammar makes it especially valuable for those who are engaged either in teaching or studying this excellent Grammar.

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**Used at Eton, Harrow, Rugby, and all the other Prominent English Preparatory Schools and Academies: also already recommended by Harvard College, Yale College, Princeton College, Lafayette College, Trinity College, Bates College, Colby University, Rutgers College, Dickinson College, Trinity College, N.C., Lebanon Valley College, Pa., Phillips Exeter Academy, Phillips Andover Academy, Williston Seminary, Boston Latin Schools, &c.**

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**C. R. Williams, Tutor in Latin, Princeton Coll., N.J.:** I have examined the Atlas with considerable care, and shall take great pleasure in recommending it to my classes. I am very much pleased with it myself. The colored maps, the clearness of the names, the distinct marking of important routes and movements of peoples, with other special features, render it at the same time more attractive and more useful to the student than Long's. (*Oct. 4, 1880.*)

**W. B. Owen, Tutor in Lafayette Coll., Easton, Pa.:** I like the Atlas very much indeed, and if it were not so late in the term should feel disposed to strongly recommend it to our class. Next year I think we shall give it the preference. (*Oct. 11, 1880.*)

**W. F. Whitlock, Prof. of Latin, Ohio Wesleyan Univ., Delaware, O.:**

